

WATER SYSTEM OPERATOR II

Class Definition

Under general supervision, provides lead direction and participates in the inspection, installation, maintenance, and repair of the City's water system.

Distinguishing Characteristics

Water System Operator II is the advanced working lead class in the Water System Operator series. Incumbents provide lead direction, training and participate in the repair, maintenance and installation of water system facilities. This class is distinguished from Water System Operator III in that the latter is the skilled craft class in the series. Depending on assignment, a Water System Operator II may receive direction from a Water System Operator III. This class is distinguished from Water System Operator I in that incumbents of the latter do not have lead responsibilities.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect Essential Functions for this class.)

Provides lead direction and training to employees, including equipment operators, and participates in the inspection, installation, maintenance, and repairs of the City's water system.

Installs, maintains and repairs water treatment and production equipment, meters, and other water system facilities.

Repairs and installs water mains and service lines.

Operates and services equipment used in the repair, installation and maintenance of water system facilities including compressors, jack hammers, trenchers, tractors, trucks and heavy equipment.

Performs minor concrete work, e.g., around hydrants, meter boxes; pours hydrant pads, pump pedestals and short sections of sidewalks and curbs.

Samples wells and distribution system for water quality.

Operates the City's water recharge facility; maintains proper water levels; performs general maintenance as required.

Responds to customer service calls relating to water service or quality.

Prepares various reports; maintains time and material records and reports on all projects.

Ensures compliance with safety procedures.

Performs other duties as assigned.

Knowledge, Abilities, and Skills

Knowledge of the materials, methods, practices, and equipment used in the installation and maintenance of valves, hydrants, water mains, regulators, meters, pumps, treatment equipment and water services.

Knowledge of the materials and methods required when constructing water mains.

Knowledge of the occupational hazards and safety precautions of the industry.

Knowledge of the principles of plumbing and hydraulics applicable to community water systems.

Ability to lead and direct the work of other crew members, including equipment operators.

Ability to operate tapping and threading machines and pipe cutting equipment.

Ability to effectively and courteously explain requirements and departmental policies to the public.

Ability to follow oral and written instructions.

Ability to keep records and prepare reports on work completed.

Ability to operate assigned vehicles and equipment in the installation and maintenance of the water system.

Ability to plan and order materials necessary to accomplish assigned tasks.

Ability to read, interpret, and understand construction drawings and specifications.

Ability to locate mains, pipes, hydrants, meters and other related installations.

Ability to perform mathematical computations related to a community water system.

Ability to establish and maintain effective working relationships with those contacted in the performance of assigned duties.

Physical strength and agility to work outdoors under arduous conditions.

Skill in the use of tools and equipment required for the work.

Minimum Qualifications

Two years of experience in the installation, maintenance and repair of water mains, meters and services, or service and maintenance of water production or treatment facilities comparable to those of a community water system.

Special Requirement

Possession of a valid California Driver's License at time of appointment. Depending on assignment area: 1) may be required to obtain and maintain a valid Commercial Class A, B or C California Driver's License with appropriate endorsements for entire term of employment; 2) must obtain and maintain a valid Water Treatment Operator Certificate, Grade T2, or a Water Distribution Operator Certificate, Grade D2, issued by the State of California, Department of Health Services, within 12 months of assignment.

NOTE - Recruitments may be limited to a specific program area of expertise as required by operational needs. Failure to obtain and maintain the valid certification within the specified time frame shall be cause for termination from this class.

APPROVED: _____
Director of Personnel Services

DATE: _____